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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search time 11.5302 seconds  
(without alignments)  
283.251 Million cell updates/sec

Title: US-09-622-613B-26  
Perfect score: 606  
Sequence: 1 MSNMTFOOKHINTPICN.....ICVCKENQPVHFGICRCP 111

Scoring table: BIOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues  
Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 200000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :  
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2: /cgn2\_6/ptodata/1/1aa/5B.COMB.pep:\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	586.5	36.8	111	2	US-08-891-848-12
2	586.5	36.8	111	3	US-08-875-811-8
3	282.5	16.6	104	1	US-08-467-955-2
4	281.5	16.5	112	3	US-08-875-811-32
5	281.5	16.5	251	3	US-08-875-811-59
6	281.5	16.5	254	3	US-08-875-811-61
7	281.5	16.5	355	3	US-08-875-811-49
8	281.5	16.5	355	3	US-08-875-811-57
9	281.5	16.5	355	3	US-08-875-811-64
10	281.5	16.5	355	3	US-08-875-811-55
11	277.5	15.8	105	3	US-08-875-811-39
12	277.5	15.8	355	3	US-08-875-811-41
13	277.5	15.8	358	3	US-08-875-811-51
14	276.5	15.6	105	3	US-08-875-811-26
15	272.5	14.5	104	1	US-08-283-971-1
16	272.5	14.5	104	1	US-07-921-619-1
17	272.5	14.5	104	1	US-08-467-955-1
18	272.5	14.5	104	2	US-08-891-848-13
19	272.5	14.5	104	3	US-08-875-811-1
20	272.5	14.5	104	4	US-09-394-268-1
21	272.5	14.5	104	4	US-09-071-672-1
22	272.5	14.5	104	4	US-09-687-748-1
23	272.5	14.5	106	3	US-08-875-811-28
24	272.5	14.5	107	3	US-08-875-811-30
25	272.5	14.5	129	3	US-08-875-811-63
26	272.5	14.5	358	3	US-08-875-811-45
27	272.5	14.5	365	3	US-08-875-811-53

28	272.5	45.0	379	3	US-08-875-811-43	Sequence 43, Appl
29	270.5	44.6	105	3	US-08-875-811-24	Sequence 24, Appl
30	267.5	44.1	104	4	US-09-394-268-2	Sequence 2, Appl
31	267.5	44.1	104	4	US-09-687-748-2	Sequence 20, Appl
32	254.5	42.0	107	3	US-08-875-811-20	Sequence 2, Appl
33	239.5	39.5	111	3	US-08-875-811-22	Sequence 20, Appl
34	236.5	39.0	360	4	US-08-875-811-47	Sequence 47, Appl
35	235	38.8	114	4	US-09-223-118-3	Sequence 3, Appl
36	226	37.3	114	4	US-09-223-118-1	Sequence 2, Appl
37	225	37.1	114	4	US-09-223-118-1	Sequence 1, Appl
38	224	37.0	114	4	US-09-223-118-4	Sequence 4, Appl
39	206	34.0	83	3	US-08-875-811-2	Sequence 2, Appl
40	206	34.0	83	4	US-09-071-672-3	Sequence 3, Appl
41	158	26.1	169	1	US-08-441-629-2	Sequence 2, Appl
42	158	26.1	169	3	US-08-776-207-2	Sequence 2, Appl
43	158	26.1	169	4	US-09-507-777-2	Sequence 2, Appl
44	158	26.1	169	5	PCT-US95-09172-2	Sequence 2, Appl
45	124.5	20.5	125	6	5171845-2	Patent No. 5171845

ALIGNMENTS

RESULT 1  
US-08-891-848-12  
Sequence 12, Application US/08891848  
Patent No. 5955073  
GENERAL INFORMATION:  
APPLICANT: Kydak, Susanna M.  
APPLICANT: Youle, Richard J.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Nicholls, Peter J.  
TITLE OF INVENTION: Selective RNase Cytotoxic Reagents  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/891,848  
FILING DATE: No. 5955073 yet assigned  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/125,462  
FILING DATE: 22-SEP-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/014,082  
FILING DATE: 04-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/779,195  
FILING DATE: 22-OCT-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/510,696  
FILING DATE: 20-APR-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Weber, Ellen Lauver  
REGISTRATION NUMBER: 32,762  
REFERENCE/DOCKET NUMBER: 015280-11031005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 111 amino acids  
TYPE: amino acid

STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..111  
OTHER INFORMATION: /note="Frog Lectin from Rana  
OTHER INFORMATION: catesbeiana"  
US-08-891-848-12

Query Match 96.8% Score 586.5; DB 2; Length 111;  
Best Local Similarity 99.1%; Pred. No. 1.1e-60;  
Matches 109; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Qy 3 NMATFOOKHIINPIL-CNTIMDNIIYVGCKRVNTEFISSATYKATGVINNV 61  
Db 2 NMATFOOKHIINPILNNTIMDNIIYVGCKRVNTEFISSATYKATGVINNV 61  
Qy 62 STTFQOLNCTRTSITPRPCYSSRTETNYICVCKENQYPVHFGIGRCP 111  
Db 62 STTFQOLNCTRTSITPRPCYSSRTETNYICVCKENQYPVHFGIGRCP 111

## RESULT 2

US-08-875-811-8  
Sequence 8, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Lluís  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 111 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..111

OTHER INFORMATION: /note="Frog Lectin from Rana  
OTHER INFORMATION: catesbeiana"  
US-08-875-811-8

Query Match 96.8% Score 586.5; DB 3; Length 111;  
Best Local Similarity 99.1%; Pred. No. 1.1e-60;  
Matches 109; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Qy 3 NMATFOOKHIINPIL-CNTIMDNIIYVGCKRVNTEFISSATYKATGVINNV 61  
Db 2 NMATFOOKHIINPILNNTIMDNIIYVGCKRVNTEFISSATYKATGVINNV 61  
Qy 62 STTFQOLNCTRTSITPRPCYSSRTETNYICVCKENQYPVHFGIGRCP 111  
Db 62 STTFQOLNCTRTSITPRPCYSSRTETNYICVCKENQYPVHFGIGRCP 111

## RESULT 3

US-08-467-955-2  
Sequence 2, Application US/08467955  
Patent No. 5728805  
GENERAL INFORMATION:  
APPLICANT: Ardelt Ph.D, Wojciech J.  
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark H. Jay, P.A.  
STREET: P.O. Box E  
CITY: Short Hills  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07078-0383  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/467,955  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/178,118  
FILING DATE: 06-APR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/436,141  
FILING DATE: 13-NOV-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/814,332  
FILING DATE: 03-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/283,970  
FILING DATE: 01-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jay, Mark H.  
REGISTRATION NUMBER: 27507  
REFERENCE/DOCKET NUMBER: 5007 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-912-9066  
TELEFAX: 201-912-0442  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 104 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: N  
ANTI-SENSE: N  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
ORGANISM: Rana pipiens



[illegible]

RESULT 8  
 US-08-875-811-57  
 ; Sequence 57, Application US/08875811  
 ; Patent No. 6045793  
 GENERAL INFORMATION:  
 APPLICANT: Rybak, Susanna M.  
 APPLICANT: Newton, Dianne L.  
 APPLICANT: Boque, Luis  
 APPLICANT: Wlodawer, Alexander  
 TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
 NUMBER OF SEQUENCES: 64  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/875,811  
 FILING DATE: 19-FEB-1998  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: NO. PCT/US97/02588  
 FILING DATE: 19-FEB-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 60/011,800

FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 355 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-57

Query Match 46.5% Score 281.5; DB 3; Length 355;  
Best Local Similarity 50.0%; Pred. No. 9e-25;  
Matches 56; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

QY 1 MSNMA2FFQKHINT-PIICNTIMDNIIYIVGGCKRVNTFISSATTAKICGT-NM 58  
Db 1 MSMDLTFQKHHTTRVDCDINMSTNLF----HCKDKNTFTSRPEPVAKICGIIASK 56

QY 59 NVLSTRFQNLCTRTSITPRPCPYSSRTETNYICVGCENQYPVHFGAGRC 110  
Db 57 NVLTSEFYLSDC---NVTSRPCPKYKLRKSTNKFVCVTCENQAPVHFGVGS 105

RESULT 9  
US-08-875-811-64  
Sequence 64, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Luis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentlin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 355 amino acids  
TYPE: amino acid

STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..355  
OTHER INFORMATION: /note="EGFB[Met-(-1)]Ser10c"  
US-08-875-811-64

Query Match 46.5% Score 281.5; DB 3; Length 355;  
Best Local Similarity 50.0%; Pred. No. 9e-25;  
Matches 56; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

QY 1 MSNMA2FFQKHINT-PIICNTIMDNIIYIVGGCKRVNTFISSATTAKICGT-NM 58  
Db 251 MSMDLTFQKHHTTRVDCDINMSTNLF----HCKDKNTFTSRPEPVAKICGIIASK 306

QY 59 NVLSTRFQNLCTRTSITPRPCPYSSRTETNYICVGCENQYPVHFGAGRC 110  
Db 307 NVLTSEFYLSDC---NVTSRPCPKYKLRKSTNKFVCVTCENQAPVHFGVGS 355

RESULT 10  
US-08-875-811-55  
Sequence 55, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Bogue, Luis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentlin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 55:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 366 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-55

Query Match 46.5% Score 281.5; DB 3; Length 366;  
Best Local Similarity 50.0%; Pred. No. 9.4e-25;  
Matches 56; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

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262	MSDWLFQKKHINTFDVDCDNIMSTNLP---HCKDKNFTFLYSRPEYVKAICGIIASK 31
59	NVLSTTRFQALNCTRTSIIPRECPYSSKRETNIVYCKENCQYVPHFAGICRG 110
318	NVLTTSEETISDC--NVTSRPKTKALKKSTKFCVTENQAPVHFVGVSGC 366

## RESULT 11

US-08-875-811-39  
Sequence 39, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Boque, Lluis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Faris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 105 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-39

Query Match	45.8%	Score 277.5	DB 3	Length 105
Best Local Similarity	49.1%	Pred. No. 5.9e-25		
Matches	55	Conservative 15	Mismatches 33	Indels 9
			Gaps 4	
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		:   :   :   :   :   :   :   :   :		
Db	57	NVLTTSERYISDC---NVTSRPCKYKLLKSKTNKCCVTCENQAPVHFVGVGC	105	
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RESULT 12  
US-08-875-811-41

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Sequence 41, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Lluis
APPLICANT: Bldawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
City: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER.: 41, 739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
IS-08-875-811-41

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Query Match	45.8%	Score 277.5	DB 3	Length 355
Best Local Similarity	49.1%	Ped. No. 26	24	
Matches	55	Conservative	15	Mismatches 33; Indels 9; Gaps 4

  

QY	1	MSNMAFEQCKHIIIT-PIICITIMDNINIIYGGQCKRKRFETISATTAYKICGVI-NM	58
DB	251	MEDMLTFQKHIIITINDVDGDMISTLNF---HCKDKNTIYSPPEVKAICGIIITASK	306
QY	59	NVLSTTRPOLNCTFRSTITPRCPYSSRTETNYICVCKENQYPVHPAGIGRC	110
DB	307	NVLTTSEFLSDC---NVLTSRCKYKKLKKSTKCEVTENADPAHYGVGSC	355

RESULT 13  
 US-08-875-811-51  
 ; Sequence 51, Application US/08875811  
 ; Patent No. 6045793  
 ;  
 ; GENERAL INFORMATION:  
 ;  
 ; APPLICANT: Rybak, Susanna M.  
 ; APPLICANT: Newton, Dianne L.  
 ; APPLICANT: Bogue, Lius  
 ; APPLICANT: Wlodawer, Alexander  
 ;  
 ; TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
 ;  
 ; NUMBER OF SEQUENCES: 64  
 ;  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 356 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-51

Query Match 45.8%; Score 277.5; DB 3; Length 356;  
Best Local Similarity 49.1%; Pred. No. 2.6e-24;  
Matches 55; Conservative 15; Mismatches 33; Indels 9; Gaps 4;

Y 1 MSNMTFOOKHIINT-PIICNTIDNNIYVGGCKRVNFISSATTVAICGVI-NM 58  
D 1 MEDWLTFOKHITITRVDCNIMSTNLF---HCKKNFTYSRPEVVAICGIIASK 56  
Y 59 NVLSTFRQNTCTRTSITPRCPYSSRTETNYICVCENQYPVFAIGRC 110  
D 57 NVLTTSEFYLSDC---NVTSPCKYKXKIKSKNKRCVTCENQAPVHFVGSC 105

RESULT 14  
US-08-875-811-26  
Sequence 26, Application US/08875811  
Patent No. 6045793  
GENERAL INFORMATION:  
APPLICANT: Rybak, Susanna M.  
APPLICANT: Newton, Dianne L.  
APPLICANT: Beque, Luis  
APPLICANT: Wlodawer, Alexander  
TITLE OF INVENTION: Recombinant Ribonuclease Proteins  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,811  
FILING DATE: 19-FEB-1998

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/02588  
FILING DATE: 19-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/011,800  
FILING DATE: 21-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Paris, Susan K.  
REGISTRATION NUMBER: 41,739  
REFERENCE/DOCKET NUMBER: 015280-244100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 105 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-875-811-26

Query Match 45.6%; Score 276.5; DB 3; Length 105;  
Best Local Similarity 49.1%; Pred. No. 7.8e-25;  
Matches 55; Conservative 15; Mismatches 33; Indels 9; Gaps 4;

Y 1 MSNMTFOOKHIINT-PIICNTIDNNIYVGGCKRVNFISSATTVAICGVI-NM 58  
D 1 MSDWLTFOKHITITRVDCNIMSTNLF---HCKKNFTYSRPEVVAICGIIASK 56  
Y 59 NVLSTFRQNTCTRTSITPRCPYSSRTETNYICVCENQYPVFAIGRC 110  
D 57 NVLTTSEFYLSDC---NVTSPCKYKXKIKSKNKRCVTCENQAPVHFVGSC 105

RESULT 15  
US-08-283-971-1  
Sequence 1, Application US/08283971  
Patent No. 5529775  
GENERAL INFORMATION:  
APPLICANT: Argelt Ph.D, Wojciech J.  
APPLICANT: Mikulski, Stanislaw M.  
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark H. Jay, P.C.  
STREET: P.O. Box 020083, General Post Office  
CITY: Brooklyn  
STATE: New York  
COUNTRY: USA  
ZIP: 11202-0002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/283,971  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/921,180  
FILING DATE: 30-JUL-1992  
APPLICATION NUMBER: US 07/178,118  
FILING DATE: 06-APR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/436,141  
FILING DATE: 13-NOV-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Jay, Mark H.  
REGISTRATION NUMBER: 27507  
REFERENCE/DOCKET NUMBER: 5006 US  
TELECOMMUNICATION INFORMATION:

